



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

WinDoor, Incorporated
7500 Amsterdam drive
Orlando, Florida, 32832

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "8000" Aluminum Sliding Glass Door W/WO Reinforcements-S. M. Impact

APPROVAL DOCUMENT: Drawing No. **WIND0077**, titled "8000 Series SGD-SMI", sheets 1 through 8 of 8, prepared by manufacturer, dated 07/22/04 and last revised on 06/24/09, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Small Missile Impact Resistant

Limitation:

1. See Design Pressures Vs sizes, reinforcements, sill adapters and glass types in sheets 2.
2. Minimum two (2") long #14 wood installation screws are required.
3. Reinforcement item #39 shall be **AI-6061-T6**, as tested.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA # **10-0112.05** and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY
APPROVED

NOA No 12-0130.10
Expiration Date: May 12, 2015
Approval Date: April 26, 2012
Page 1

4/17/12

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **10-0112.05**)
2. Drawing No. **WIND0077**, titled "8000 Series SGD-SMI", sheets 1 through 8 of 8, prepared by manufacturer, dated 07/22/04 and last revised on 06/24/09, signed and sealed by Luis R. Lomas, P.E.

Note: This revision consists of FBC 2010 update only.

B. TESTS (transferred from file # 10-0112.05)

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass, prepared by National Certified Testing Laboratories Inc, Test Report No. **NCTL-210-3018-1**, dated 05/03/04 and revised on 05/11/09, signed & sealed by Gerald J, Ferrara, P.E.

(Note: This test report has an addendum letter dated 03/13/08, issued by National Certified Testing Laboratories Inc.)

2. Additional test report No. **NCTL-210-3582-1**, dated 05/04/09 issued by National Certified Testing Laboratories Inc for alum SGD per FBC, TAS 202-94 (Structural) and water Resistant Test, signed & sealed by Gerald J, Ferrara, P.E.

C. CALCULATIONS

1. Statement letter of conformance to FBC 2010, dated January 19, 2012, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Anchor verification calculations, structural & comparative analysis, complying with FBC-2007, dated 03-26-09, prepared, signed and sealed by Luis R. Lomas, P.E. (transferred from file # **10-0112.05**).
3. Glazing complies with ASTM E-1300-02 &-04

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **11-0624.01** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite PVB ®**", expiring on 01/14/16.
2. Notice of Acceptance No. **08-0514.08** issued to Solutia, for "Vanceva Composite interlayer", expiring on 12/11/2013

F. STATEMENTS

1. Statement letter of conformance to FBC 2010 and "No financial interest", dated 01/19/12, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Statement letters of conformance to FBC 2007 and "No financial interest", both Jan 05, 2010, signed and sealed by Luis R. Lomas, P.E. (transferred from file # **10-0112.05**)
3. Test lab compliance statement, part of the above referenced report.

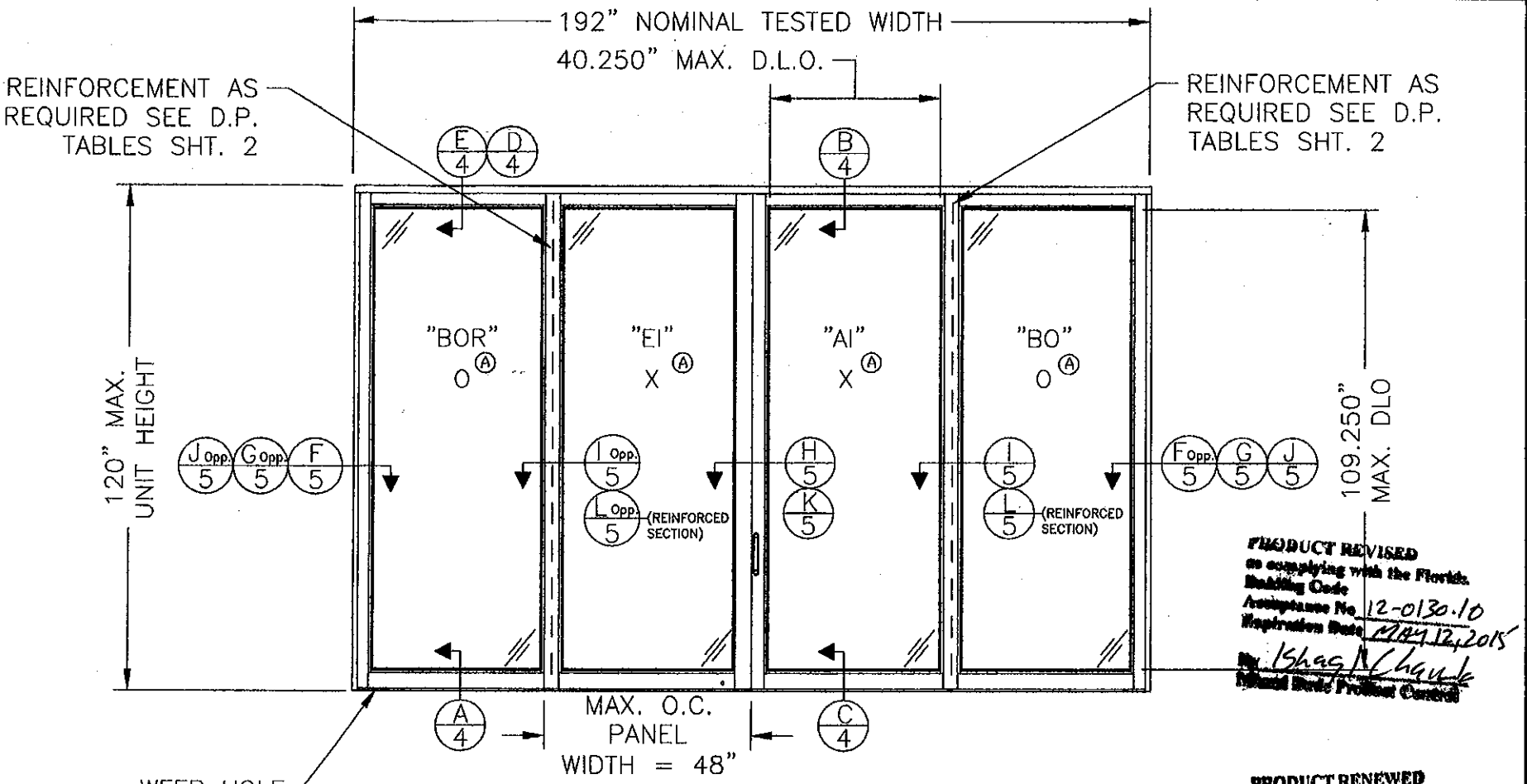
G. OTHER

1. This NOA revises NOA # **10-0112.05**, expiring on May 12, 2015.
2. Test Proposals dated 01/05/09 and # **06-0152**, approved by BCCO.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 12-0130.10
Expiration Date: May 12, 2015
Approval Date: April 26, 2012

GENERAL NOTES:

- 1) THE PRODUCT SHOWN HEREIN COMPLIES WITH THE CURRENT FLORIDA BUILDING CODE INCLUDING THE HVHZ .
- 2) 1X OR 2X WOOD BUCK, STEEL OR WOOD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OF RECORD.
- 3) PRODUCTS ARE APPROVED FOR USE WHERE SMALL MISSILE IMPACT RESISTANCE IS REQUIRED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED, FOR INSTALLATION OF THIS PRODUCT 30' OR MORE, ABOVE GROUND LEVEL.
- 4) SEE DESIGN PRESSURE CHARTS ON SHEET 2 FOR DESIGN PRESSURE RATINGS.
- 5) ALLOWABLE STRESS INCREASE OF 1/3, WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOW HEREIN.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0130-10
Expiration Date MAY 12, 2015
By: Ishag I. Chahine
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-0112-05
Expiration Date MAY 12, 2015
By: Ishag I. Chahine
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-1010-08
Expiration Date MAY 12, 2010
By: Ishag I. Chahine
Miami Dade Product Control
Division

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	ELEVATIONS & GENERAL NOTES
2	DESIGN PRESSURE CHARTS
3	ANCHORING DETAILS
4	VERTICAL CROSS SECTIONS
5	HORIZONTAL CROSS SECTIONS
6	GLAZING DETAILS
7	BILL OF MATERIALS
8	COMPONENTS

8000 OXXO SLIDING GLASS DOOR
"BOR" PANEL (FIXED) = 49-1/2" X 118-5/16"
"EI" PANEL (ACTIVE) = 50-1/4" X 118-5/16"
"AI" PANEL (ACTIVE) = 49-1/2" X 118-5/16"
"BO" PANEL (FIXED) = 49-1/2" X 118-5/16"

D.L.O. FORMULA
D.L.O. HEIGHT = PANEL HEIGHT - 9"
D.L.O. WIDTH = PANEL WIDTH - 9"

APPROVED CONFIGURATION TABLE	
2 TRACK	XO, OX, XX, OXO, OXXO

1-8	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1-8	C	REVISED PER DADE LETTER DATED 11-2-08	11/17/08	TJH
1	B	General revision and update to 2007 FBC	08/01/08	DRL
1	A	Per Dade letter dated 12/03/04	12/21/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.
[Signature]
6/21/09
FLORIDA REGISTRATION NO. 62514

WinDoor INCORPORATED
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title: SERIES 8000 SGD SMALL MISSILE ELEVATIONS AND GENERAL NOTES

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0077	D

SCALE N.T.S. DATE: 07/22/04 SHEET 1 OF 8

REINFORCED UNIT DESIGN PRESSURE CHARTS

GLAZING TYPES A, B, C, D, E & F

REINFORCED UNITS WITH 1 1/2" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0
84.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0
96.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	146.3	45.0	133.3
108.0	45.0	150.0	45.0	150.0	45.0	142.2	45.0	126.1	45.0	114.3
120.0	45.0	150.0	45.0	146.3	45.0	125.5	45.0	110.8	45.0	100.0

REINFORCED UNITS WITH 2 1/4" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0
84.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0
96.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	146.3	60.0	133.3
108.0	60.0	150.0	60.0	150.0	60.0	142.2	60.0	126.1	60.0	114.3
120.0	60.0	150.0	60.0	146.3	60.0	125.5	60.0	110.8	60.0	100.0

REINFORCED UNITS WITH 3" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0
84.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0
96.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	146.3	80.0	133.3
108.0	80.0	150.0	80.0	150.0	80.0	142.2	80.0	126.1	80.0	114.3
120.0	80.0	150.0	80.0	146.3	80.0	125.5	80.0	110.8	80.0	100.0

REINFORCED UNITS WITH 3 1/2" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0
84.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0
96.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	146.3	100.0	133.3
108.0	100.0	150.0	100.0	150.0	100.0	142.2	100.0	126.1	91.4	114.3
120.0	100.0	150.0	100.0	146.3	100.0	125.5	88.7	110.8	80.0	100.0

REINFORCED UNITS WITH 4 1/4" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0
84.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0
96.0	120.0	150.0	120.0	150.0	120.0	150.0	117.0	146.3	106.7	133.3
108.0	120.0	150.0	120.0	150.0	113.8	142.2	100.9	126.1	91.4	114.3
120.0	120.0	150.0	117.0	146.3	100.4	125.5	88.7	110.8	80.0	100.0

NOTE: OPERABLE PANEL MUST COMPLY WITH MINIMUM WIDTH REQUIREMENTS PER FBC.

1-8	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1-8	C	REVISED PER DADE LETTER DATED 11-2-08	11/17/08	TJH
1	B	General revision and update to 2007 FBC	08/01/08	DRL
1	A	Per Dade letter dated 12/03/04	12/21/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

NON-REINFORCED UNIT DESIGN PRESSURE CHARTS

GLAZING TYPES A, B, C, D, E & F

NON-REINFORCED UNITS WITH 1 1/2" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0
84.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0
96.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	87.8	45.0	80.0
108.0	45.0	90.0	45.0	90.0	45.0	85.3	45.0	75.7	45.0	68.6
120.0	45.0	90.0	45.0	87.8	45.0	75.3	45.0	66.5	45.0	60.0

NON-REINFORCED UNITS WITH 2 1/4" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
84.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
96.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	87.8	60.0	80.0
108.0	60.0	90.0	60.0	90.0	60.0	85.3	60.0	75.7	57.1	68.6
120.0	60.0	90.0	60.0	87.8	60.0	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 3" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 3 1/2" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 4 1/4" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0130-10
Expiration Date 5/12/15
By: Ishag L. Chavira
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-0112-05
Expiration Date MAY 12, 2015
By: Ishag L. Chavira
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-1010-05
Expiration Date MAY 12, 2010
By: Ishag L. Chavira
Miami Dade Product Control
Division

LUIS R. LOMAS P.E.

[Signature]
6/21/09

FLORIDA REGISTRATION
NO. 62514

WinDoor
INCORPORATED

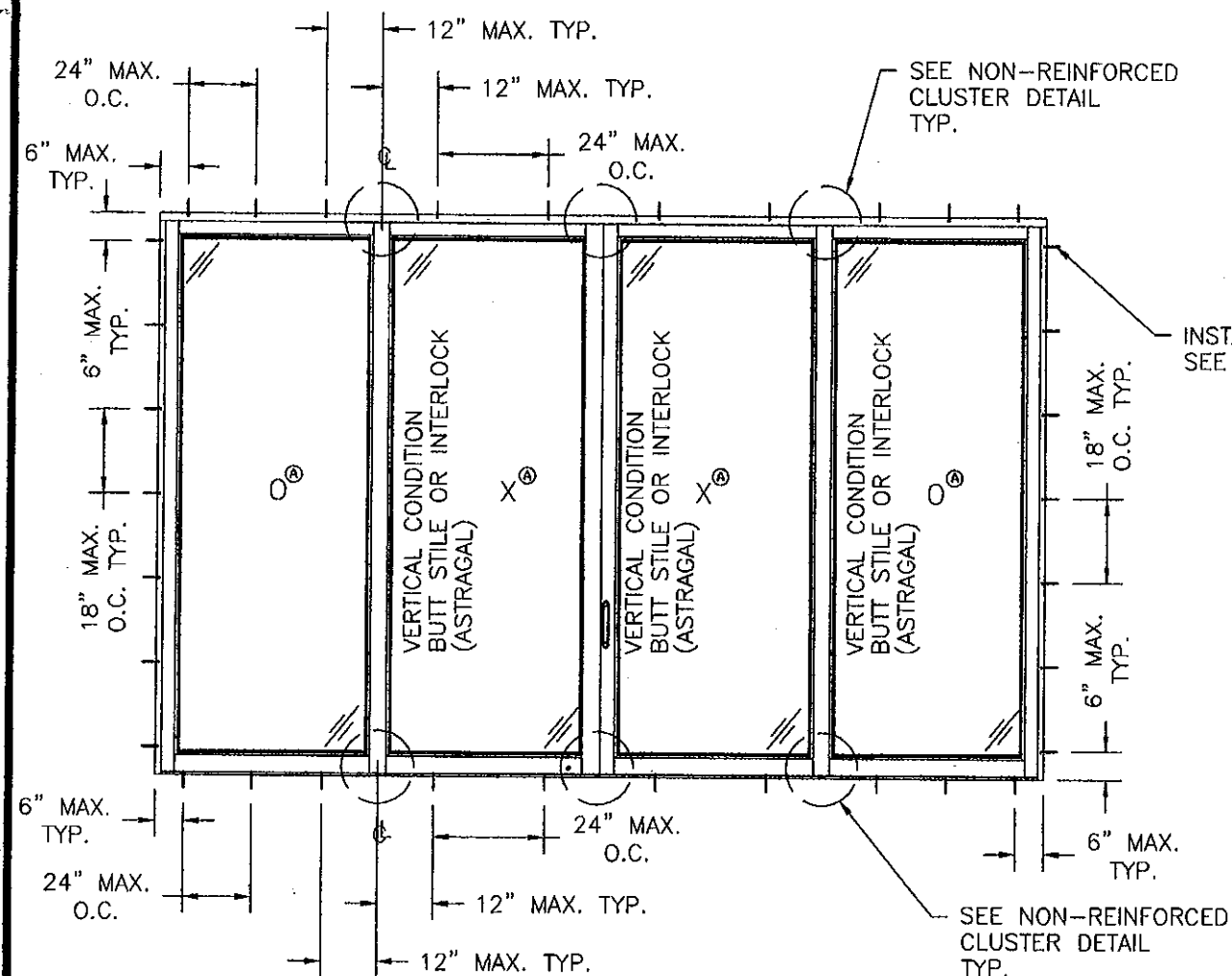
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title:

SERIES 8000 SGD SMALL MISSILE
DESIGN PRESSURE CHARTS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0077	D

SCALE	N.T.S.	DATE:	07/14/04	SHEET	2 OF 8
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SERIES 8000 OXXO NON REINFORCED SLIDING GLASS DOOR
SEE NOTES THIS SHEET

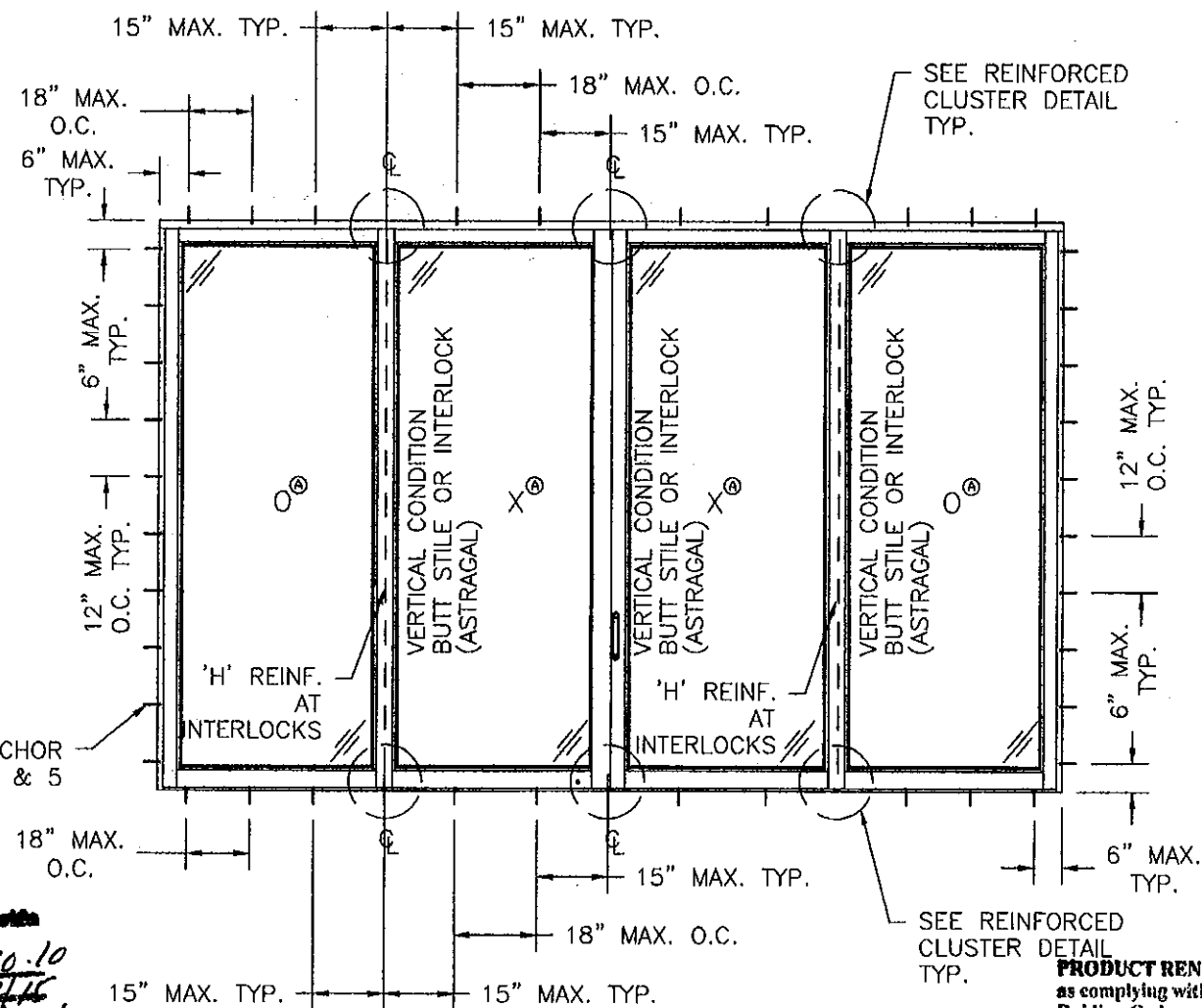
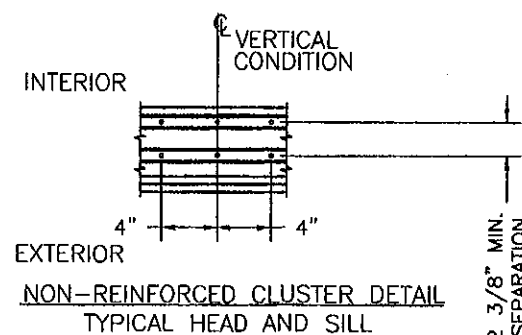
INSTALLATION NOTES:

- 1) SHIM AS REQ'D. AT EA. SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- 2) TWO (2) ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 3) CONCRETE OR MASONRY SUBSTRATE WHERE ONE BY, NON-STRUCTURAL, WOOD BUCKING IS EMPLOYED, (1X TO BE PROPERLY ATTACHED TO SUBSTRATE AND REVIEWED BY BUILDING OFFICIAL), USE 1/4" DIAMETER ELCO CRETE-FLEX SS4 TAPCON CONCRETE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM OF 1 1/4" INTO CONCRETE OR MASONRY.
- 4) WOOD FRAME SUBSTRATE, USE #14 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD FRAMING.
- 5) STEEL STUD FRAMING, USE #14 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/2" INTO STEEL FRAMING WITH WOOD BACKER.

INSTALLATION ANCHOR
SEE NOTES 2, 3, 4 & 5

INSTALLATION ANCHOR
SEE NOTES 2, 3, 4 & 5

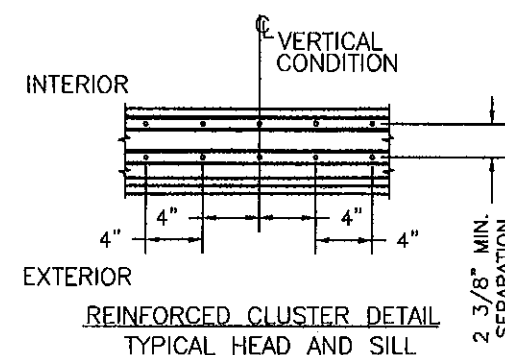
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0130-10
Expiration Date 5/12/16
By Ishag J. Chanda
Miami Dade Product Control
Division



SERIES 8000 OXXO REINFORCED SLIDING GLASS DOOR
SEE NOTES THIS SHEET

SEE REINFORCED
CLUSTER DETAIL
TYP.

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 10-0112-05
Expiration Date MAY 12, 2015
By Ishag J. Chanda
Miami Dade Product Control
Division



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-1010-05
Expiration Date MAY 12, 2010
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Miami Dade Product Control
Division

1 - 8	DC	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 8	C	REVISED PER DADE LETTER DATED 11-2-08	11/17/08	TJH
1	B	General revision and update to 2007 FBC	08/01/08	DRL
1	A	Per Dade letter dated 12/03/04	12/21/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.

Luis R. Lomas
6/21/09

FLORIDA REGISTRATION
NO. 62514

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832

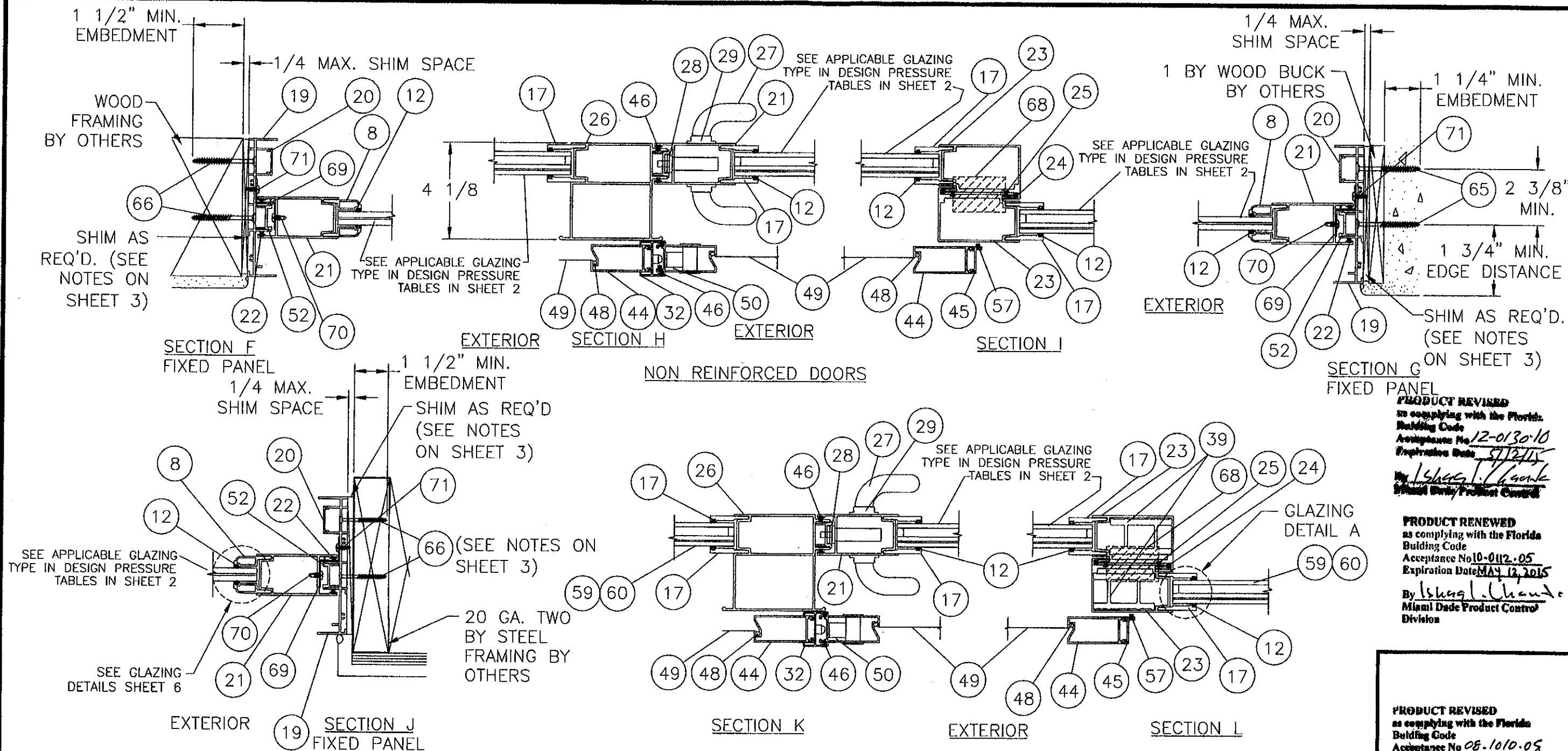
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title:

SERIES 8000 SGD SMALL MISSILE
ANCHORING DETAILS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0077	D

SCALE N.T.S. DATE: 07/14/04 SHEET 3 OF 8



NOTES: (FIXED PANELS)
 1. ITEM #69, PVB PANEL Z-CLIP IS PLACED IN THE CENTER OF THE PANEL AND IS ATTACHED TO THE PANEL WITH (3) ITEM #70, #10 x 1/2" TEKS SCREW, AND TO THE JAMB WITH (3) ITEM #71, #10 x 1/2" SMS.
 2. ALL FIXED PANELS ARE HELD IN PLACE WITH ITEM #14, SILL COVER, AND ITEM #33, HEAD COVER.

PANEL CONSTRUCTION
 EACH PANEL HAS COPED & BUTTED CORNERS. EACH CORNER IS FASTENED TOGETHER WITH TWO #10 X 1 1/4 SS PAN HEAD SCREWS.

1-8	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1-8	C	REVISED PER DADE LETTER DATED 11-2-08	11/17/08	TJH
1	B	General revision and update to 2007 FBC	08/01/08	DRL
1	A	Per Dade letter dated 12/03/04	12/21/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.

[Signature]

6/24/09

FLORIDA REGISTRATION NO. 62514

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title: **SERIES 8000 SGD SMALL MISSILE HORIZONTAL CROSS SECTIONS**

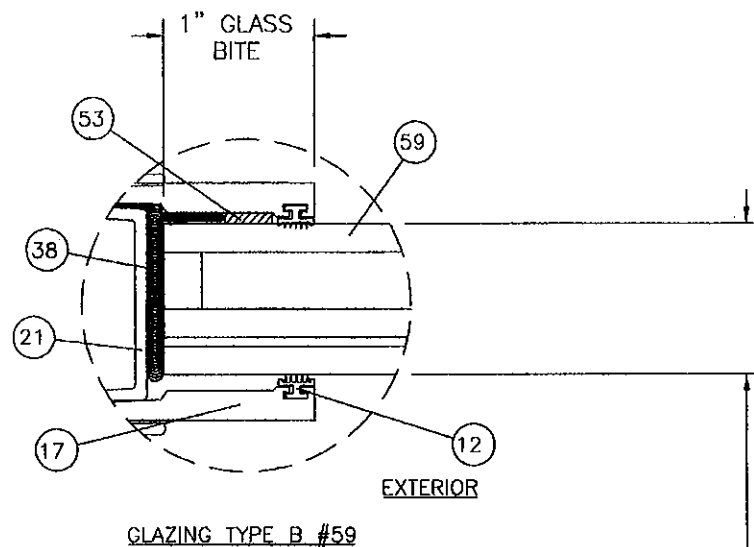
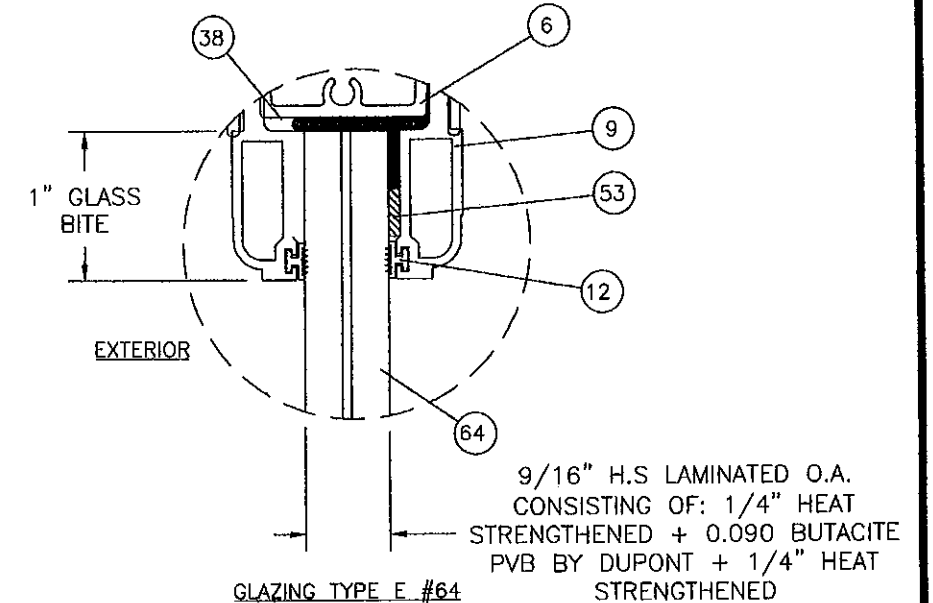
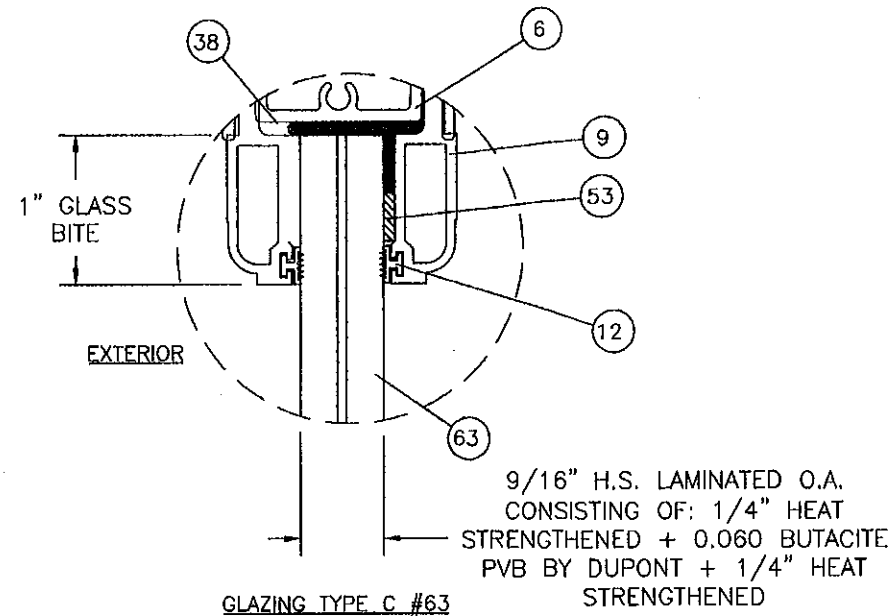
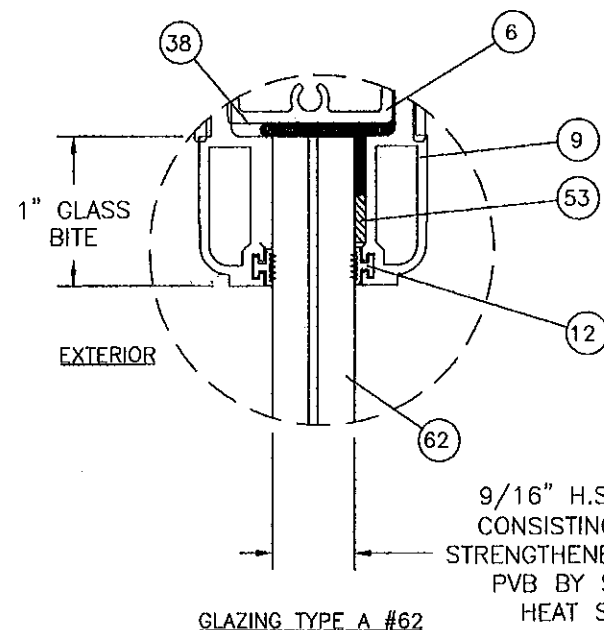
SIZE B	Drn By: BB	DWG NO. WIND0077	REV D
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SCALE N.T.S. DATE: 07/14/04 SHEET 5 OF 8

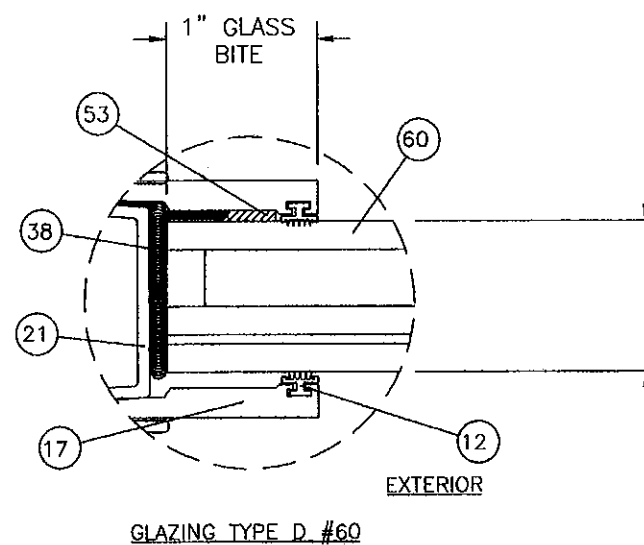
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 12-0130-10
 Expiration Date 5/12/15
 By *[Signature]*
 Miami Dade Product Control Division

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 10-0112-05
 Expiration Date MAY 12, 2015
 By *[Signature]*
 Miami Dade Product Control Division

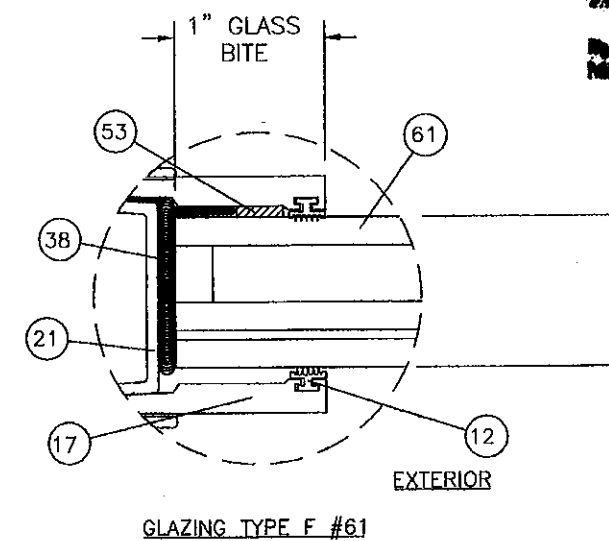
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 08-1010-05
 Expiration Date MAY 12, 2010
 By *[Signature]*
 Miami Dade Product Control Division



1" INSULATING TEMPERED LAMINATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (INSIDE LITE) + 3/8" AIR SPACE + 3/16" TEMPERED + .060 SAFLEX PVB BY SOLUTIA + 3/16" TEMPERED (OUTSIDE LITE)



1" INSULATING TEMPERED LAMINATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED (INSIDE LITE) + 3/8" AIR SPACE + 3/16" TEMPERED + 0.060 BUTACITE PVB BY DUPONT + 3/16" TEMPERED (OUTSIDE LITE)



1" INSULATING TEMPERED LAMINATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED (INSIDE LITE) + 3/8" AIR SPACE + 3/16" TEMPERED + 0.090 BUTACITE PVB BY DUPONT + 3/16" TEMPERED (OUTSIDE LITE)

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 12-0131-10
Expiration Date 5/12/15
By Luis R. Lomas
Miami Dade Product Control
Division

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-0112-05
Expiration Date 12/12/2015
By Luis R. Lomas
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-1010-05
Expiration Date 12/12/2010
By Luis R. Lomas
Miami Dade Product Control
Division

1-8	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1-8	C	REVISED PER DADE LETTER DATED 11-2-08	11/17/08	TJH
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1	A	Per Dade letter dated 12/03/04	12/21/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.

Luis R. Lomas
6/24/09

FLORIDA REGISTRATION
NO. 62514

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title:

SERIES 8000 SGD SMALL MISSILE
GLAZING DETAILS

SIZE B	Drn By: BB	DWG NO. WIND0077	REV D
SCALE N.T.S.	DATE: 07/24/04	SHEET 6 OF 8	

BILL OF MATERIAL			
NO.	PART NO.	DESCRIPTION	
1	FH-01884	2 TRACK FRAME SILL PAN WS/NS BY KEYMARK	EXTRUDED ALUM. A6063-T6
2	FS-01885	2 TRACK FRAME SILL INSERT WS BY KEYMARK	EXTRUDED ALUM. A6063-T6
3	FH-02625	2-1/4" SILL RISER	EXTRUDED ALUM. A6063-T6
4		PANEL ASSY. SCREW #8 X 1/4" PH TYPE FSS	
5	BF04122-1	WEEP HOLE BAFFLE	
6	FH-01869	PANEL TOP & BOTTOM RAIL BY KEYMARK	EXTRUDED ALUM. A6063-T6
7	FS-02643	ROLLER BACK UP BY KEYMARK	EXTRUDED ALUM. A6063-T6
8	FF-01878	9/16" VERTICAL GLASS STOP BY KEYMARK	EXTRUDED ALUM. A6063-T6
9	FH-01877	9/16" HORIZONTAL GLASS STOP BY KEYMARK	EXTRUDED ALUM. A6063-T5
10	1988-9000	TANDEM ROLLER	
11	NSB 3/16-3/4-2	GLASS SETTING BLOCK	
12	TP870	IMPACT GLASS STOP VINYL SEAL	
13	FH-02813	3" SILL RISER BY KEYMARK	EXTRUDED ALUM. A6063-T6
14	FS-02208	FRAME SILL COVER BY KEYMARK	EXTRUDED ALUM. A6063-T6
15	W33351NK000	TOP, BOTTOM RAIL, HEAD & SILL COVER FINSEAL .187 X .350	
16	FS-01879	1" HORIZONTAL GLASS STOP BY KEYMARK	EXTRUDED ALUM. A6063-T6
17	FS-01880	1" VERTICAL GLASS STOP BY KEYMARK	EXTRUDED ALUM. A6063-T6
18		#8 X 1/4 PH SILL PAN SCREW	
19	FS-01845	2 TRACK FRAME JAMB WS/NS BY KEYMARK	EXTRUDED ALUM. A6063-T6
20	FS-01883	FRAME JAMB INSERT BY KEYMARK	EXTRUDED ALUM. A6063-T6
21	FH-01871	PANEL LOCK STILE BY KEYMARK	EXTRUDED ALUM. A6063-T6
22	W32211NK000	LOCK STILE FINSEAL .187 X .220	EXTRUDED ALUM. A6063-T6
23	FH-02491	PANEL INTERLOCK STILE	EXTRUDED ALUM. A6063-T6
24	TP876	INTERLOCK BUMPERS	
25	W33221NK000	INTERLOCK FINSEAL .187 X .220	
26	FH-02165	FEMALE BUTT STILE BY KEYMARK	EXTRUDED ALUM. A6063-T6
27	1414	OLYMPUS HANDLE SET	
28	2468	DUAL POINT MORTISE LOCK W/KEEPER	
29	2470	MORTISE LOCK THUMB TURN	
30	FS-01846	2 TRACK FRAME HEAD WS/NS BY KEYMARK	EXTRUDED ALUM. A6063-T6
31	FS-01882	FRAME HEAD INSERT BY KEYMARK	EXTRUDED ALUM. A6063-T6
32	FS-02650	SCREEN ASTRAGAL BY KEYMARK	EXTRUDED ALUM. A6063-T6
33	FS-02210	FRAME HEAD COVER BY KEYMARK	EXTRUDED ALUM. A6063-T6
34	NRAHP	PANEL HEIGHT ADJUSTMENT HOLE PLUGS	
35		PANEL ASSY. SCREW #10 X 1-1/4" PH TYPE FSS	
36		FRAME ASSY. SCREW #8 X 5/8" PH TYPE FSS	
37		ROLLER INST. SCREW #8 X 5/8" PH TYPE FSS	
38	GLAZING SEALANT	SIKA 552 SEALANT	
39	FH-02641	REINFORCING BAR (FULL LENGTH) BY KEYMARK	EXTRUDED ALUM. A6063-T6
40	FS-02629	1-1/2" SILL RISER BY KEYMARK	EXTRUDED ALUM. A6063-T6
41	FH-02626	3-1/2" SILL RISER BY KEYMARK	EXTRUDED ALUM. A6063-T6
42	FH-02939	4-1/4" SILL RISER BY KEYMARK	EXTRUDED ALUM. A6063-T6
43	FH-02300	SCREEN TOP & BOTTOM RAIL BY KEYMARK	EXTRUDED ALUM. A6063-T6
44	FH-02395	SCREEN STILE BY KEYMARK	EXTRUDED ALUM. A6063-T6
45	FH-02209	SCREEN INTERLOCK SWEEP BY KEYMARK	
46	W13131NK	SCREEN FINSEAL .187 X .130	
47		SCREEN ASSY. SCREW #8 X 5/8 PH TYPE F	

BILL OF MATERIAL		
NO.	PART NO.	DESCRIPTION
48	TP-055.175 SSS	SCREEN SPLINE
49		SCREEN CLOTH
50	SGD-205 CH	SCREEN FLUSH LOCK W/KEEPER & SCREWS
51	PCT300 WHYC	SCREEN DUMMY LOCK PULL
52	FS-02726	FRAME JAMB STILE INSERT BY KEYMARK A6063-T6
53	VPP8B	GLAZING TAPE 1/4" X 3/8"
54	NRAHP	PANEL HEIGHT ADJUSTMENT PLUGS
55		SCREEN ROLLER INSTALLATION SCREWS #8 X 3/4 PH TYPE F
56	PJS 7623-09-SS-N	SCREEN ROLLER
57	W23401NK	WEATHER STRIPPING .187 X .400
58	NPG	NYLON PANEL GUIDE
59	GLAZING TYPE B	1" TEMPERED INSULATED GLASS CONSISTING OF: 7/16" TEMPERED LAMINATED (EXT); 3/16" TEMP. + .060" SAFLEX PVB BY SOLUTIA + 3/16" TEMP. + 3/8" AIR SPACE + 3/16" TEMP. (INTERIOR LITE)
60	GLAZING TYPE D	1" TEMPERED INSULATED GLASS CONSISTING OF: 7/16" TEMPERED LAMINATED (EXT); 3/16" TEMP. + .060" BUTACITE PVB BY DUPONT + 3/16" TEMP. + 3/8" AIR SPACE + 3/16" TEMP. (INTERIOR LITE)
61	GLAZING TYPE F	1" TEMPERED INSULATED GLASS CONSISTING OF: 7/16" TEMPERED LAMINATED (EXT); 3/16" TEMP. + .090" BUTACITE PVB BY DUPONT + 3/16" TEMP. + 3/8" AIR SPACE + 3/16" TEMP. (INTERIOR LITE)
62	GLAZING TYPE A	9/16" O.A.: 1/4" H.S.; .060" SAFLEX PVB BY SOLUTIA; 1/4" H.S.
63	GLAZING TYPE C	9/16" O.A.: 1/4" H.S.; .060" BUTACITE PVB BY DUPONT; 1/4" H.S.
64	GLAZING TYPE E	9/16" O.A.: 1/4" H.S.; .090" BUTACITE PVB BY DUPONT; 1/4" H.S.
65		1/4" DIA. ELCO CRETE-FLEX SS4 TAPCON W/1 1/4" MIN. EMB.
66	P7569AM	#14 WOOD SCREW W1 1/2" MIN. EMBEDMENT
67		SILICONE CAULK
68		.75" HIGH X 1.5" X 2.25" DUAL FINNED DUST PAD
69		PVB PANEL Z-CLIP
70		#10 X 1/2" TEK SCREW
71		#10 X 1/2 SMS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0130-10
Expiration Date 5/12/15
By Ishag I. Chande
Miami Dade Product Control
Division

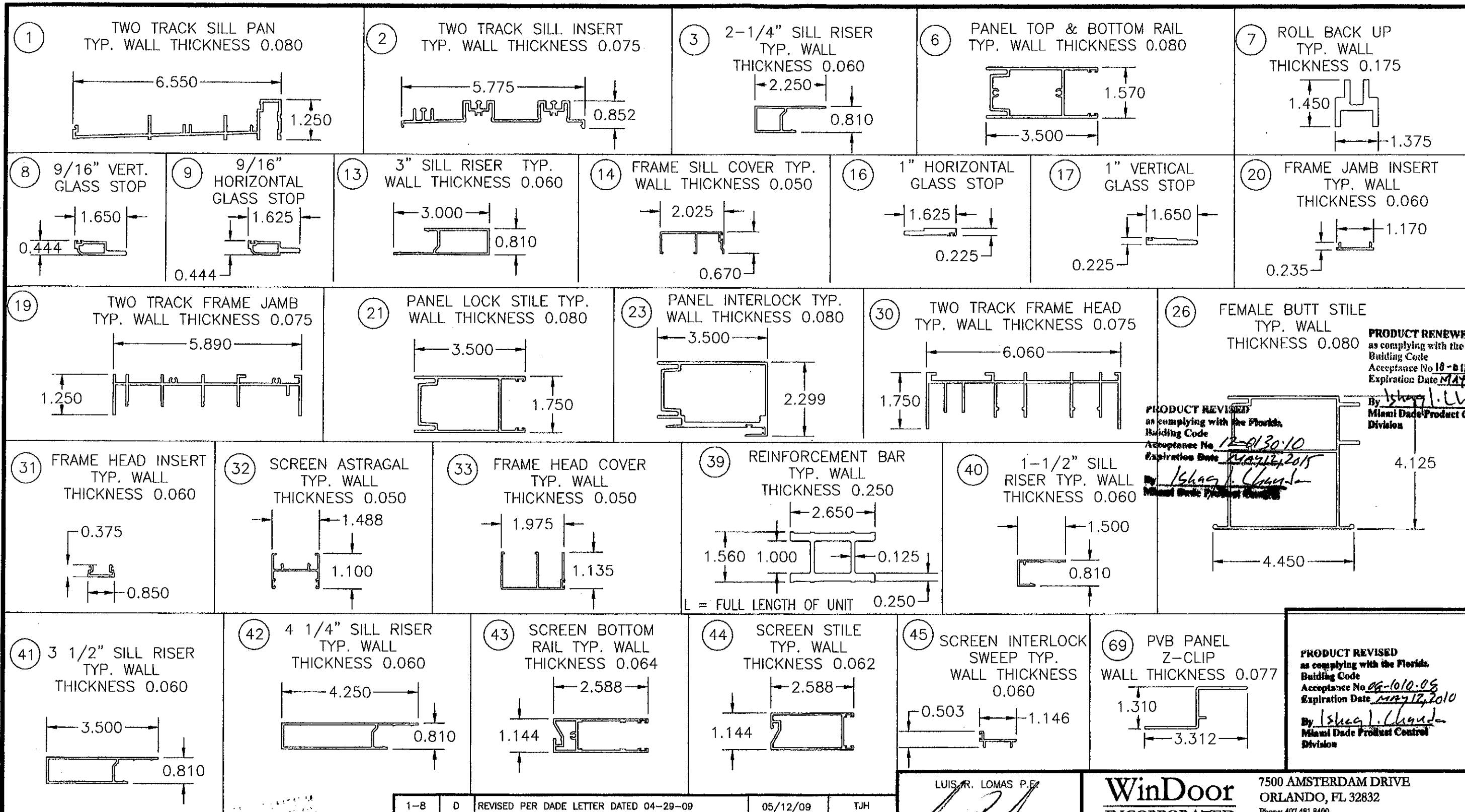
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 10-0112-05
Expiration Date MAY 12, 2015
By Ishag I. Chande
Miami Dade Product Control
Division

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-1010-08
Expiration Date MAY 12, 2010
By Ishag I. Chande
Miami Dade Product Control
Division

1-8	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1-8	C	REVISED PER DADE LETTER DATED 11-2-08	11/17/08	TJH
1	B	General revision and update to 2007 FBC	08/01/08	DRL
1	A	Per Dade letter dated 12/03/04	12/21/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.
Luis R. Lomas
6/24/09
FLORIDA REGISTRATION
NO. 62514

WinDoor INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
Dwg Title: SERIES 8000 SGD SMALL MISSILE GLAZING DETAILS			
SIZE B	Drn By: BB	DWG NO. WIND0077	REV D
SCALE N.T.S.	DATE: 07/24/04	SHEET 7 OF 8	



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 18-0112-05
Expiration Date May 12, 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0130-10
Expiration Date May 12, 2015

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 06-1010-05
Expiration Date May 12, 2010

1-8	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1-8	C	REVISED PER DADE LETTER DATED 11-2-08	11/17/08	TJH
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1	A	Per Dade letter dated 12/03/04	12/21/04	DRL
SHEET	REV	DESCRIPTION	DATE	BY
REVISIONS				

LUIS R. LOMAS P.E.
[Signature]
6/24/09
FLORIDA REGISTRATION
NO. 62514

WinDoor INCORPORATED
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

Dwg Title: SERIES 8000 SGD SMALL MISSILE COMPONENTS

SIZE B	Drn By: BB	DWG NO. WIND0077	REV D
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SCALE N.T.S. DATE: 07/24/04 SHEET 8 OF 8